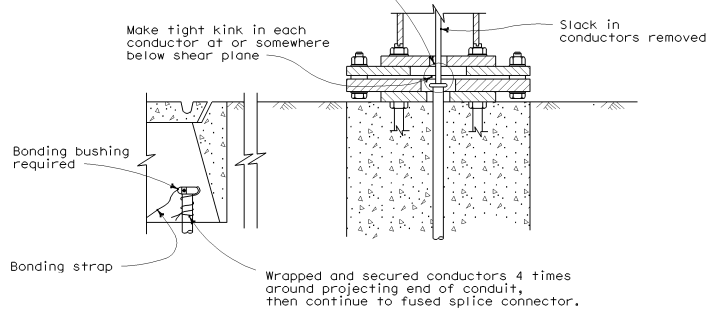


Continue kink to at least 90° position as indicated in step 2.

**STEP 1**

**STEP 2**



### KINKING DETAIL FOR SLIP BASE STANDARDS

Primary lines of multiple ballasts shall be provided with fused connectors.  
Fuse ratings shall be as noted below.

| CIRCUIT<br>VOLTAGE | FUSE<br>VOLTAGE<br>RATING | FUSE CURRENT RATING |       |       |       |       |       |       |                             |      |      |       |       |      |                            |   |       |       |
|--------------------|---------------------------|---------------------|-------|-------|-------|-------|-------|-------|-----------------------------|------|------|-------|-------|------|----------------------------|---|-------|-------|
|                    |                           | HPS LAMP BALLAST    |       |       |       |       |       |       | LOW PRESSURE SODIUM BALLAST |      |      |       |       |      | INDUCTION<br>SIGN LIGHTING | MULTIPLE TO MULTIPLE<br>TRANSFORMERS (PRIMARY SIDE) |       |       |
|                    |                           | 70 W                | 100 W | 150 W | 200 W | 250 W | 310 W | 400 W | 35 W                        | 55 W | 90 W | 135 W | 180 W | 85 W |                            | 1 KVA   | 2 KVA | 3 KVA |
| 120 V              | 250 V                     | 5                   | 5     | 5     | 5     | 6     | 10    | 10    | 5                           | 5    | 8    | 10    | 10    | 5    | 10                         | 25  | 35    |       |
| 240 V              | 250 V                     | 5                   | 5     | 5     | 5     | 5     | 5     | 5     | 3                           | 3    | 4    | 5     | 5     | 5    | 6                          | 10  | 20    |       |
| 480 V              | 500-600 V                 | 5                   | 5     | 5     | 5     | 5     | 5     | 5     | 2                           | 2    | 2    | 3     | 3     | 1*   | 3                          | 6   | 10    |       |

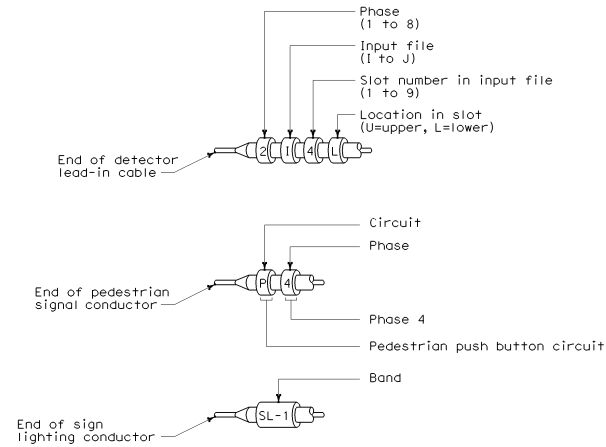
\* See Standard Plan ES-150, Type SC3 Control.

### FUSE RATINGS FOR FUSED CONNECTORS

### LUMINAIRE BALLAST FUSING



|  |        |       |                              |                        |
|--|--------|-------|------------------------------|------------------------|
| DIST   | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET TOTAL NO. SHEETS |
| <br>Martha V. Styer<br>REGISTERED ELECTRICAL ENGINEER<br>No. E13738<br>Exp. 6-30-07<br>STATE OF CALIFORNIA   |        |       |                              |                        |
| July 1, 2004<br>PLANS APPROVAL DATE<br>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.<br>To get to the Caltrans web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a> |        |       |                              |                        |



### TYPICAL BANDING OF CONDUCTOR ENDS

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**ELECTRICAL SYSTEMS  
(WIRING DETAILS AND  
FUSE RATINGS)**

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

**ES-13B**